

file 03038

STAT

P. I. Performance Studies
Status Report for the Period of
1 December 1967 through 28 January 1968

STAT This status report covers a two month reporting period of work performed for [] The previous work included:

1. An analysis of [] material over a one month period.
2. Assistance in administering three image quality studies over a two week period.

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Work during this reporting period included preparation of imagery for an evaluation of the effects of ground resolution on the interpretation of radar targets. The imagery was generated by using a 35 millimeter camera to photograph 9 radar models at different distances. A desired set of resolutions at a 20° convergence angle were the prime requirements. After a few trial runs to change the sharpness of shadows, convergence angle and fidelity of the imaged models, a set of adequate photographs was obtained.

Preparation requirements included the establishment of a calibration range to adequately calibrate the camera and the fixing of camera stations positions to meet the required resolutions. Three trips to Headquarters and a trip to [] were also taken in this reporting period.

STAT All imagery will be processed and compiled for use in the test by early February. The prepared items will include approximately seven stereo sets at different resolutions and enlargement prints for overlays.

Total hours expended to date are 494.

NGA Review
Complete